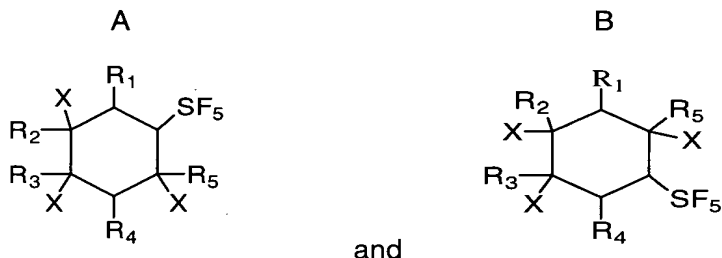


ABSTRACT OF THE DISCLOSURE

A new route has been found leading to the formation of pentafluorosulfuranyl arylenes. In its broadest aspect the process comprises:

5 effecting dehydrohalogenation or dehydrogenation of a pentafluorosulfuranyl compound represented by either of the structures:



and

wherein R₁ is H, C₁₋₁₀ alkyl, C₁₋₁₀ alkoxy, C₁₋₁₀ thionyl. C1-10 alkyl ether, list more,
10 R₂, R₄ and R₅ are H and R₃ is H repeated R₁
to form the pentafluorosulfuranyl arylene represented by the structures:



and

wherein R₁-R₅ are as represented in compound represented by the structures A
15 and B.



and